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(54) Title: METHODS FOR REDUCING SEIZURE-INDUCED NEURONAL DAMAGE

(57) Abstract: This invention provides a method for treating a subject either during or soon after a seizure, in order to reduce the extent of neuronal damage in the subject resulting from the seizure comprising administering to the subject, either during or soon after the seizure, a therapeutically effective amount of an inhibitor of receptor for advanced glycation endproducts (RAGE), so as to thereby reduce the extent of neuronal damage in the subject. This invention further provides a method for inhibiting neuronal damage which would otherwise result from a seizure in a subject predisposed to having a seizure, comprising administering to the subject a prophylactically effective amount of an inhibitor of receptor for advanced glycation endproducts (RAGE), so as to inhibit neuronal damage which would otherwise result from a seizure in the event the subject were to suffer a seizure. This invention further provides related articles of manufacture.

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